

### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

#### **Listing of Claims**

1. (Currently Amended) A method for forming a document set, said document set formed from rectangular sheets of the same size and including an envelope sheet and at least one insert sheet, the method including the steps of:

printing said envelope sheet with envelope information, said envelope information including a unique code identifier to identify said envelope sheet;

printing each of said at least one insert sheets with insert information, said insert information including a further unique code identifier to identify each of said at least one insert sheets, and

collating said envelope sheet and at least one insert sheet to form said document set.

2. (Currently Amended) The method for forming a document set as claimed in claim 1, further including the step of verifying said document set by reading each of said code identifiers identifier and said further unique code identifier and performing a self-referencing integrity check.

3. (Previously Presented) The method for forming a document set as claimed in claim 2, further including the step of out sorting any document set that fails said integrity check.

4. (Previously Presented) The method for forming a document set as claimed in claim 3, further including the step of rescheduling the printing of said document set that failed said integrity check.

5. (Previously Presented) The method for forming a document set as claimed in claim 4, wherein said step of rescheduling is performed online.

6. (Previously Presented) The method for forming a document set as claimed in claim 1, wherein said unique code identifier identifies whether a printed sheet is an envelope sheet.

7. (Previously Presented) The method for forming a document set as claimed in claim 1, wherein said unique code identifier printed on said envelope sheet includes the number of at least one insert sheets associated with said envelope sheet to form said document set.

8. (Previously Presented) The method for forming a document set as claimed in claim 1, wherein said unique code identifier and said further unique code identifier includes separate fields of information related to customer information, content information and distribution information associated with said document set.

9. (Previously Presented) The method for forming a document set as claimed in claim 1, wherein said unique code identifier ~~is a barcode~~ and said further unique code identifier are barcodes.

10. (Previously Presented) The method for forming a document set as claimed in claim 1, wherein the steps of printing the envelope sheet, printing the at least one insert sheet and collating the envelope sheet and at least one insert sheet are accomplished using a common printer.

11. (Previously Presented) The method for forming a document set as claimed in claim 1, wherein said envelope information is printed on one side of said envelope sheet.

12. (Currently Amended) A method for forming a document set, said document set formed from rectangular sheets of the same size and including an envelope sheet and at least one insert sheet, the method including the steps of :

applying an adhesive layer to at least one side of said envelope sheet in a predetermined pattern, said pattern arranged to provide adhesive means for an envelope

formed from said envelope sheet when said envelope from said envelope sheet is re-used;

printing said envelope sheet with envelope information, said envelope information including a unique code identifier to identify said envelope sheet;

printing each of said at least one insert sheets with insert information, said insert information including a further unique code identifier to identify each of said at least one insert sheets, and

collating said envelope sheet and at least one insert sheet to form said document set.

13. (Previously Presented) A method for producing a bulk mail out item from the document set made in accordance with claim 1, said method including the steps:

separating and folding at least one insert sheet from said document set to form a folded insert sheet set; and

wrapping and sealing the envelope sheet about the at least one insert sheet to form an envelope.

14. (Original) A bulk mail out item resulting from the method as claimed in claim 13.

15. (~~Original~~Currently Amended) An apparatus for forming a document set, said document set formed from rectangular sheets of the same size and including an envelope sheet and at least one insert sheet, said apparatus including:

a printer for printing said envelope sheet with envelope information, said envelope information including a unique code identifier to identify said envelope sheet and furthermore for printing each of said at least one insert sheets with insert information, said insert information including a further unique code identifier to identify each of said at least one insert sheets, and

a collator for collating said envelope sheet and at least one insert sheet to form said document set.

16. (~~Previously Presented~~Currently Amended) The apparatus for forming a document set as claimed in claim 15, further including

a scanner for scanning each of said unique code ~~identifiers~~identifier and said further unique code identifier; and

a data processor to process said unique code ~~identifiers~~identifier and said further unique code identifier and perform a self-referencing integrity check, thereby verifying the document set.

17. (Previously Presented) The apparatus for forming a document set as claimed in claim 16, further including an out sorter for out sorting any document set that fails said integrity check.

18. (Previously Presented) The apparatus for forming a document set as claimed in claim 17, further including a data processor for rescheduling the printing of said document set that failed said integrity check.

19. (Previously Presented) The apparatus for forming a document set as claimed in claim 18, wherein said rescheduling is performed online and said document set is printed on said printer.

20. (Previously Presented) A method for producing a bulk mail out item from the document set made in accordance with claim 12, said method including the steps:

separating and folding at least one insert sheet from said document set to form a folded insert sheet set; and

wrapping and sealing the envelope sheet about the at least one insert sheet to form an envelope.

21. (Previously Presented) A bulk mail out item resulting from the method as claimed in claim 20.